

# EXERCISE 12

Chem 100

(Due in lab \_\_\_\_\_)

10 points

Name KEY  
(last) (first)

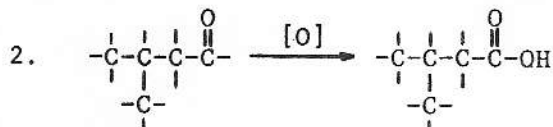
Lab Section # \_\_\_\_\_ Lab Instructor \_\_\_\_\_

A. For each of the equations below, write the letter that corresponds to the type of reaction given.

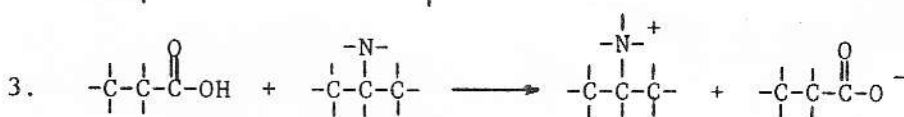
- (A) oxidation                      (D) condensation  
(B) addition                      (E) hydrolysis  
(C) substitution                  (F) neutralization



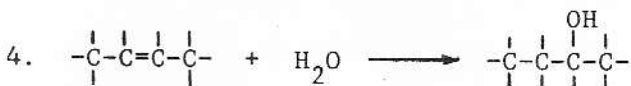
1. D



2. A



3. F



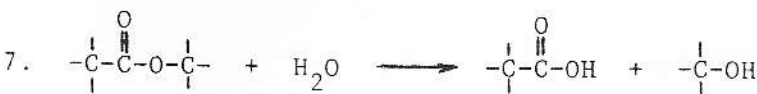
4. B



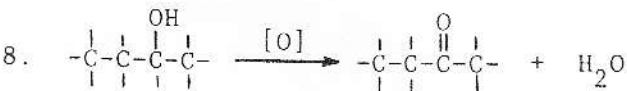
5. D



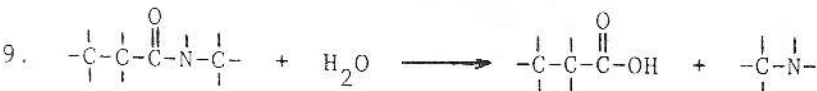
6. C



7. E



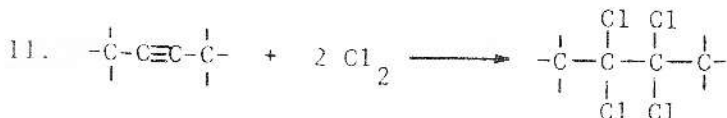
8. A



9. E



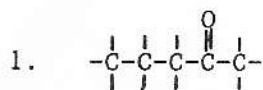
10. A



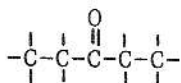
11. B

B. For each pair of compounds below, write the letter that corresponds to the type of isomerism exhibited.

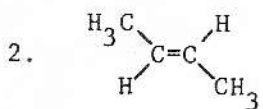
- (A) skeletal (D) geometrical  
 (B) positional (E) optical  
 (C) functional (F) same compound



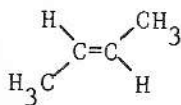
and



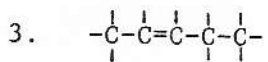
1. B



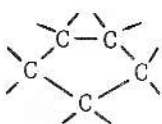
and



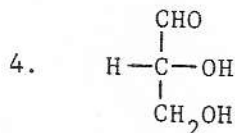
2. F



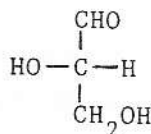
and



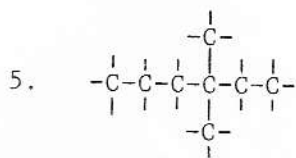
3. C



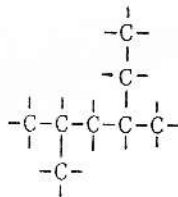
and



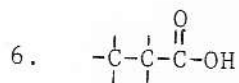
4. E



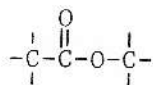
and



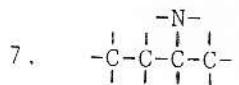
5. A



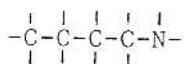
and



6. C



and



7. B